



Software Requirements Specification for RoCam:  
subtitle describing software

Team #3, SpaceY

Zifan Si

Jianqing Liu

Mike Chen

Xiaotian Lou

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## Revision History

Date	Version	Notes
Date 1	1.0	Notes
Date 2	1.1	Notes

# **1 Purpose of the Project**

## **1.1 User Business**

*Insert your content here.*

## **1.2 Goals of the Project**

*Insert your content here.*

# **2 Stakeholders**

## **2.1 Client**

*Insert your content here.*

## **2.2 Customer**

*Insert your content here.*

## **2.3 Other Stakeholders**

*Insert your content here.*

## **2.4 Hands-On Users of the Project**

*Insert your content here.*

## **2.5 Personas**

*Insert your content here.*

## **2.6 Priorities Assigned to Users**

*Insert your content here.*

## **2.7 User Participation**

*Insert your content here.*

## **2.8 Maintenance Users and Service Technicians**

*Insert your content here.*

## **3 Mandated Constraints**

### **3.1 Solution Constraints**

*Insert your content here.*

### **3.2 Implementation Environment of the Current System**

*Insert your content here.*

### **3.3 Partner or Collaborative Applications**

*Insert your content here.*

### **3.4 Off-the-Shelf Software**

*Insert your content here.*

### **3.5 Anticipated Workplace Environment**

*Insert your content here.*

### **3.6 Schedule Constraints**

*Insert your content here.*

### **3.7 Budget Constraints**

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### **3.8 Enterprise Constraints**

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## **4 Naming Conventions and Terminology**

### **4.1 Glossary of All Terms, Including Acronyms, Used by Stakeholders involved in the Project**

*Insert your content here.*

## **5 Relevant Facts And Assumptions**

### **5.1 Relevant Facts**

*Insert your content here.*

### **5.2 Business Rules**

*Insert your content here.*

### **5.3 Assumptions**

*Insert your content here.*

## **6 The Scope of the Work**

### **6.1 The Current Situation**

*Insert your content here.*

### **6.2 The Context of the Work**

*Insert your content here.*

### **6.3 Work Partitioning**

*Insert your content here.*

### **6.4 Specifying a Business Use Case (BUC)**

*Insert your content here.*

## **7 Business Data Model and Data Dictionary**

### **7.1 Business Data Model**

*Insert your content here.*

### **7.2 Data Dictionary**

*Insert your content here.*



## **8 The Scope of the Product**

### **8.1 Product Boundary**

*Insert your content here.*

### **8.2 Product Use Case Table**

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### **8.3 Individual Product Use Cases (PUC's)**

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## **9 Functional Requirements**

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*Insert your content here.*

## **10 Look and Feel Requirements**

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## **12.6 Scalability or Extensibility Requirements**

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## **12.7 Longevity Requirements**

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## **13.1 Expected Physical Environment**

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## **13.2 Wider Environment Requirements**

*Insert your content here.*

## **13.3 Requirements for Interfacing with Adjacent Systems**

*Insert your content here.*

## **13.4 Productization Requirements**

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## **13.5 Release Requirements**

*Insert your content here.*

# **14 Maintainability and Support Requirements**

## **14.1 Maintenance Requirements**

*Insert your content here.*

## **14.2 Supportability Requirements**

*Insert your content here.*

## **14.3 Adaptability Requirements**

*Insert your content here.*

# **15 Security Requirements**

## **15.1 Access Requirements**

*Insert your content here.*

## **15.2 Integrity Requirements**

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## **15.3 Privacy Requirements**

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## **19.2 Reusable Components**

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## **19.3 Products That Can Be Copied**

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### **21.2 Planning of the Development Phases**

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### **22.2 Data That Has to be Modified or Translated for the New System**

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## **23 Costs**

*Insert your content here.*

## **24 User Documentation and Training**

### **24.1 User Documentation Requirements**

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### **24.2 Training Requirements**

*Insert your content here.*

## **25 Waiting Room**

*Insert your content here.*

## **26 Ideas for Solution**

*Insert your content here.*

## Appendix — Reflection

The purpose of reflection questions is to give you a chance to assess your own learning and that of your group as a whole, and to find ways to improve in the future. Reflection is an important part of the learning process. Reflection is also an essential component of a successful software development process.

Reflections are most interesting and useful when they're honest, even if the stories they tell are imperfect. You will be marked based on your depth of thought and analysis, and not based on the content of the reflections themselves. Thus, for full marks we encourage you to answer openly and honestly and to avoid simply writing “what you think the evaluator wants to hear.”

Please answer the following questions. Some questions can be answered on the team level, but where appropriate, each team member should write their own response:

1. What went well while writing this deliverable?
2. What pain points did you experience during this deliverable, and how did you resolve them?
3. How many of your requirements were inspired by speaking to your client(s) or their proxies (e.g. your peers, stakeholders, potential users)?
4. Which of the courses you have taken, or are currently taking, will help your team to be successful with your capstone project.
5. What knowledge and skills will the team collectively need to acquire to successfully complete this capstone project? Examples of possible knowledge to acquire include domain specific knowledge from the domain of your application, or software engineering knowledge, mechatronics knowledge or computer science knowledge. Skills may be related to technology, or writing, or presentation, or team management, etc. You should look to identify at least one item for each team member.
6. For each of the knowledge areas and skills identified in the previous question, what are at least two approaches to acquiring the knowledge or mastering the skill? Of the identified approaches, which will each team member pursue, and why did they make this choice?